

LEW-17,429-1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Group Art Unit:  
Mary Ann Meador et al. : Patent Examiner:  
Serial No. New Application :  
Filed: Herewith: :  
For: Novel Substituted Cyclohexene :  
Endcaps For Polymers with :  
Thermal-Oxidative Stability :

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 1.56 and in accordance with 37 C.F.R. 1.97-1.98,  
submitted herewith is Form PTO 1449 together with statements regarding the  
following publications and/or patents as they relate to the above-identified  
Application for patent.

US Patent 4,302,575 discloses that polyetherimide prepolymers having  
terminal aliphatically unsaturated end-stopping groups can be prepared by the  
reaction between an aromatic bis(ether anhydride), an organic diamine and an  
aliphatically unsaturated monoanhydride, such as maleic anhydride, or 3,6-  
endomethylene-1,2,3,6-tetrahydrophthalic anhydride.


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No. EE 238528628 US on this  
23 day of October, 2003.  
*Kent N. Stone*  
Kent N. Stone

US Patent 4,963,645 and U.S. Patent 4,302,575 disclose substituted CA as the monoanhydride used to cap a polyetherimide oligomer to produce polyimides. The CA is proposed as a crosslinking group, but there is no reference to curing in an inert atmosphere. This is critical with the CA endcap, since aromatization competes with crosslinking in the presence of air, resulting in a porous, brittle product.

The Examiner is respectfully requested to make the above-identified patents and/or publications of record in this Application as required by MPEP Section 609. This Information Disclosure Statement should not be construed as a representation that no better prior art exists.

Respectfully submitted,

Mary Ann Meador et. al.

By:   
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## CITATION OF PRIOR ART AND REEXAMINATION OF PATENTS

Sheet 1 of 1Form PTO-1449  
(REV. 8-83)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
**LEW 17,429-1**

Patent No.

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Patent Owner

Issue Date

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4302575	11/24/81	TOHRU	528	185	
	4963645	10/16/90	INQUE	528	342	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.